

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1275516

Luminaire Tested: P3AS05R509835DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275516
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R509835DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

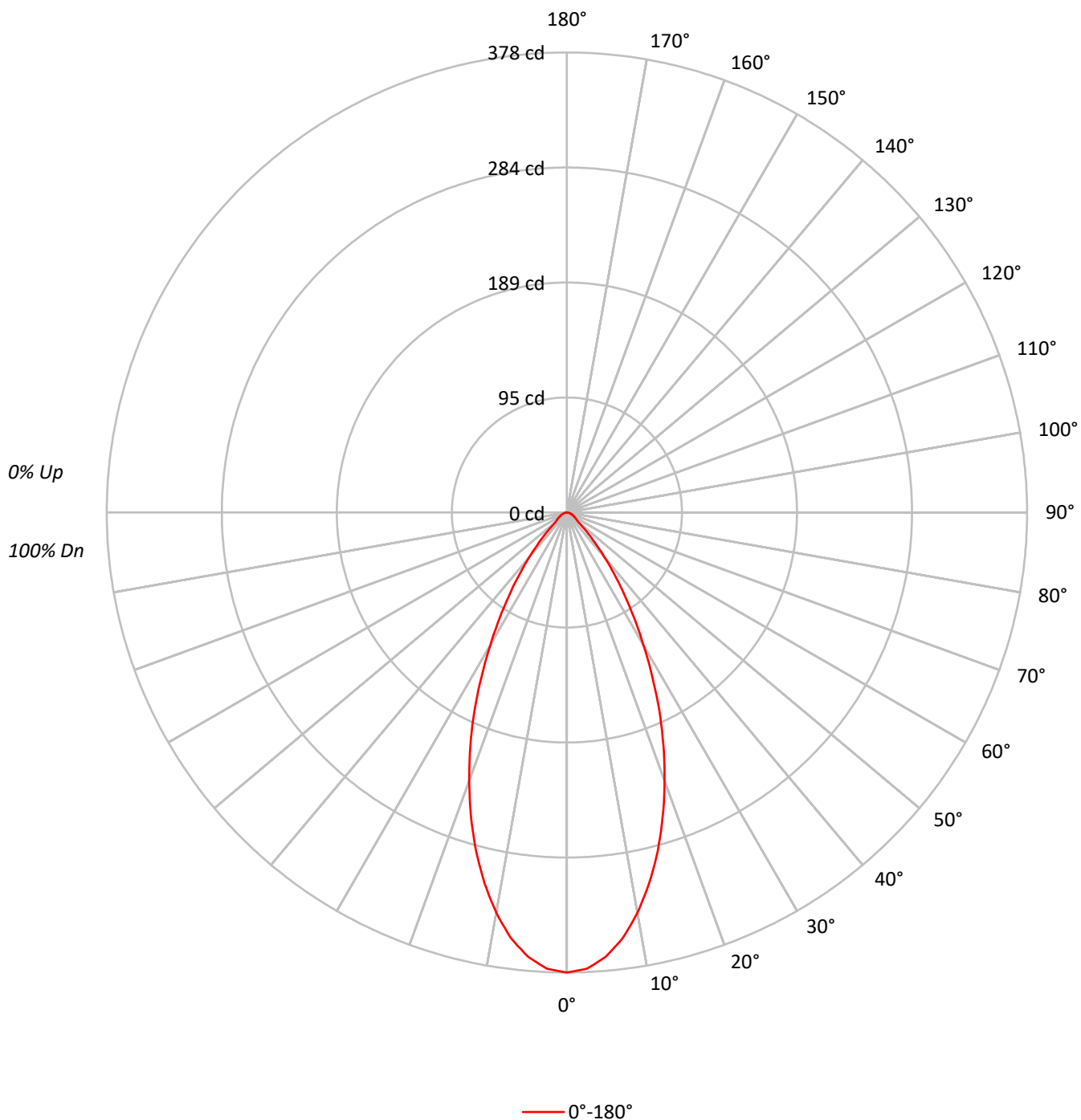
Lumens per Lamp: N/A
Luminaire Lumens: 285.0 lumens
Efficiency: N/A
Efficacy: 39.6 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82888
5°	80651
10°	74370
15°	65403
20°	54721
25°	43406
30°	31828
35°	21897
40°	13912
45°	7784
50°	4196
55°	3555
60°	3026
65°	2802
70°	2500
75°	2288
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7784 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.9	11.9
10°-20°	79.8	28.0
20°-30°	81.6	28.6
30°-40°	51.8	18.2
40°-50°	20.6	7.2
50°-60°	8.3	2.9
60°-70°	5.3	1.9
70°-80°	2.7	1.0
80°-90°	0.9	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	195.4	68.5
0°-40°	247.1	86.7
0°-60°	276.1	96.9
0°-90°	285.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	285.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	378	
5°	366	34
15°	288	80
25°	179	82
35°	82	52
45°	25	21
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	378.0
2.5°	375.3
5°	366.4
7.5°	352.6
10°	334.0
12.5°	312.1
15°	288.1
17.5°	261.9
20°	234.5
22.5°	207.1
25°	179.4
27.5°	151.6
30°	125.7
32.5°	102.6
35°	81.8
37.5°	64.0
40°	48.6
42.5°	35.9
45°	25.1
47.5°	17.0
50°	12.3
52.5°	10.4
55°	9.3
57.5°	8.1
60°	6.9
62.5°	6.2
65°	5.4
67.5°	4.6
70°	3.9
72.5°	3.1
75°	2.7
77.5°	1.9
80°	1.5
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)